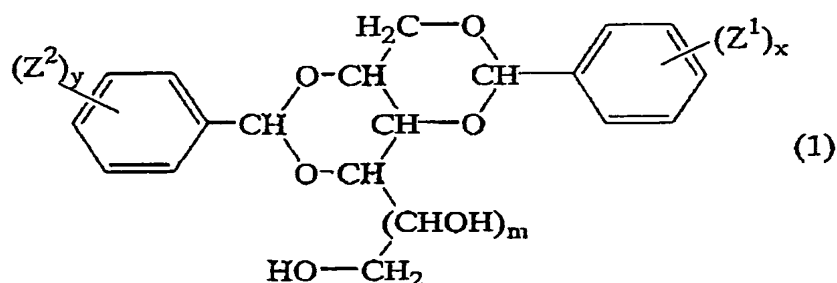


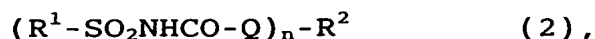
CLAIMS

1. A polyolefin resin composition, which comprises at least one member selected from the group consisting of (a) a polyolefin resin, (b) at least one kind of diacetals represented by the general formula (1):



wherein Z^1 and Z^2 are each the same or different, and represent at least one atom or one monovalent organic group selected from the group consisting of a hydrogen atom, a halogen atom, a carboxyl group, an alkyl group of 1 to 8 carbon atoms, an alkoxy group of 1 to 3 carbon atoms, a nitro group and an amide group; x and y each represents 1 to 5; and m represents 0 or 1), and (c) a modifier.

2. The polyolefin resin composition according to claim 1, which comprises, as a modifier, at least one member selected from sulfonamide compounds represented by the general formula (2):



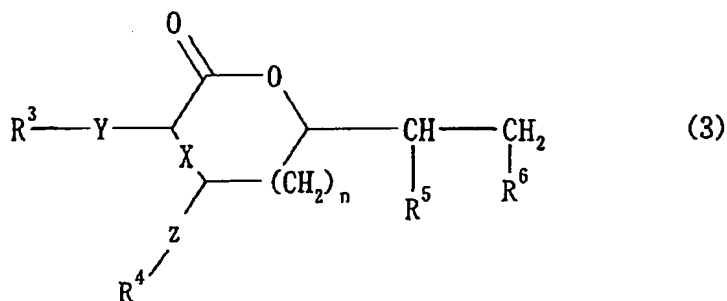
wherein Q represents a direct bond, $-\text{O}-$ or $-\text{NH}-$; n represents 1 or 2; a group represented by R^1 represents an alkyl group of 1 to 18 carbon atoms, a phenylalkyl group of 7 to 9 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms, a cycloalkyl group

of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenyl group, or a phenyl group substituted with an alkyl group of 1 to 9 carbon atoms; a group represented by R^2 represents, when n is 1, a hydrogen atom, an alkyl group of 1 to 18 carbon atoms, a phenylalkyl group of 7 to 9 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenyl group, or a phenyl group substituted with an alkyl group of 1 to 9 carbon atoms, or when n is 2, an alkylene group of 2 to 18 carbon atoms, a phenylalkylene group of 7 to 9 carbon atoms, a cycloalkylene group of 5 to 8 carbon atoms, a cycloalkylene group of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenylene group, or a phenylene group substituted with an alkyl group of 1 to 9 carbon atoms, or R^1 and R^2 may be bound to any position of an aromatic ring to form a ring.

3. The polyolefin resin composition according to claim 2, wherein the sulfonamide compound is at least one member selected from N-benzoyl-4-methylbenzenesulfonamide, N-phenylacetyl-4-methylbenzenesulfonamide, N-benzoyl-methanesulfonamide, o-benzoic sulfimide, N-(2-methylphenoxy-carbonyl)-4-methylbenzenesulfonamide, 1,2-bis(4-methylbenzenesulfonylamino-carbonylamino)ethane and 1,4-bis(4-methylbenzenesulfonylamino-carbonyloxy-methyl)benzene.

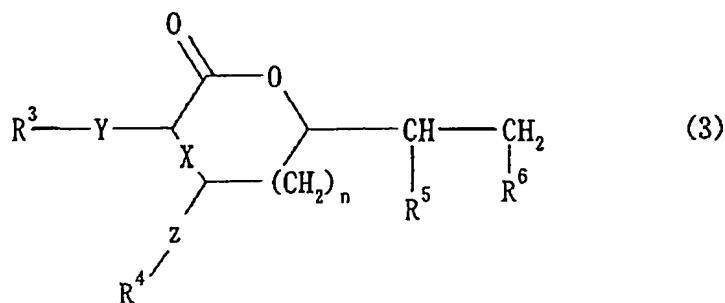
4. The polyolefin resin composition according to claim 1,

which comprises, as a modifier, at least one member selected from compounds represented by the general formula (3):



wherein X, Y and Z each represents a single bond or a double bond; n represents 0 or 1; R³ and R⁴ independently represent an oxygen atom, a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, or an acetal group of the hydroxy group with an aldehyde; R⁵ and R⁶ independently represent a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, or an acetal group of the hydroxy group with an aldehyde.

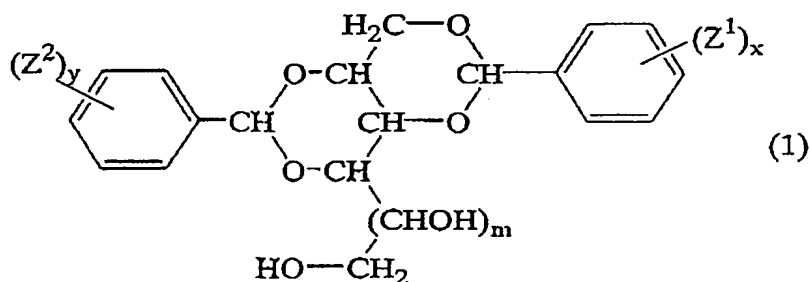
5. The polyolefin resin composition according to claim 4, wherein a compound represented by the general formula (3):



(wherein X, Y and Z each represents a single bond or a double

bond; n represents 0 or 1; R^3 and R^4 independently represent an oxygen atom, a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, an acetal group of the hydroxy group with an aldehyde; R^5 and R^6 independently represent a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, or an acetal group of the hydroxy group with an aldehyde) is at least one member selected from ascorbic acid, isoascorbic acid, dehydroascorbic acid, ascorbyl palmitate, D-glucono-1,5-lactone, and D-galactono-1,4-lactone.

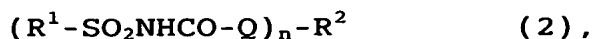
6. A diacetal composition, which comprises at least one member selected from at least one diacetal represented by the general formula (1):



(wherein Z^1 and Z^2 are each the same or different, and represent at least one atom or one monovalent organic group selected from the group consisting of a hydrogen atom, a halogen atom, a carboxyl group, an alkyl group of 1 to 8 carbon atoms, an alkoxy group of 1 to 3 carbon atoms, a nitro group and an amide group; x and y each represents 1 to 5; and m represents 0 or 1),

and a modifier.

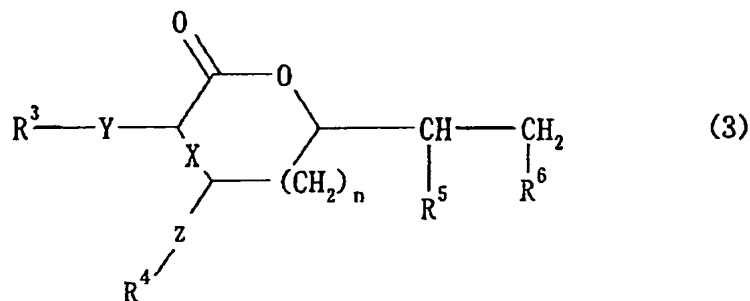
7. The diacetal composition according to claim 6, wherein the modifier is a compound represented by the general formula (2):



wherein Q represents a direct bond, -O- or -NH-; n represents 1 or 2; a group represented by R^1 represents an alkyl group of 1 to 18 carbon atoms, a phenylalkyl group of 7 to 9 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenyl group, or a phenyl group substituted with an alkyl group of 1 to 9 carbon atoms; a group represented by R^2 represents, when n is 1, a hydrogen atom, an alkyl group of 1 to 18 carbon atoms, a phenylalkyl group of 7 to 9 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms, a cycloalkyl group of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenyl group, or a phenyl group substituted with an alkyl group of 1 to 9 carbon atoms, or when n is 2, an alkylene group of 2 to 18 carbon atoms, a phenylalkylene group of 7 to 9 carbon atoms, a cycloalkylene group of 5 to 8 carbon atoms, a cycloalkylene group of 5 to 8 carbon atoms substituted with an alkyl group of 1 to 4 carbon atoms, a phenylene group, or a phenylene group substituted with an alkyl group of 1 to 9 carbon atoms, or R^1 and R^2 may be bound to any position of an aromatic ring to form a ring.

8. The diacetal composition according to claim 6, wherein the modifier is a compound represented by the general formula

(3):



wherein X, Y and Z each represents a single bond or a double bond; n represents 0 or 1; R³ and R⁴ independently represent an oxygen atom, a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, or an acetal group of the hydroxy group with an aldehyde; R⁵ and R⁶ independently represent a hydroxy group, an ester group of the hydroxy group with an inorganic or organic acid, a glycoside group of the hydroxy group with a saccharide, a ketal group of the hydroxy group with a ketone, or an acetal group of the hydroxy group with an aldehyde.

9. The diacetal composition according to claim 6, wherein an amount of the modifier to be incorporated is 0.4 to 20 parts by weight per 100 parts by weight of the diacetal composition.

10. A polyolefin resin composition, which comprises 0.05 to 5 parts by weight of the diacetal composition according to claim 6 per 100 parts by weight of the polyolefin resin.